Volume 39 Number 1 January 1988

Page

Editorial: Consent in Diagnosis ... *J. O. M. C. Craig* 1
Annotation: Towards the More Effective Use of Diagnostic Radiology: A Review of the Work of the Royal College of Radiologists Working Party on the More Effective Use of Diagnostic Radiology, 1976 to 1986 ... 3
Barium Enemas are a Headache ... *E. Kutt, M. J. Hall, A. Booth and J. Virjee* 5
Scimitar etcetera – the Dysmorphic Right Lung ... *J. B. Partridge, J. M. Osborne and R. E. Slaughter* 11
The Distribution of Pulmonary Shadowing in Farmer's Lung ... *P. G. Cook, I. P. Wells and C. R. McGavin* 21
Aerosol Lung Scintigraphy in the Detection of Bronchiectasis *N. S. Ashford, M. S. Buxton-Thomas, C. D. R. Flower, T. W. Higenbottam and E. P. Wraight* 29
The Plain Chest Radiograph after Acute Smoke Inhalation ... *Michael J. Lee and Denis J. O'Connell* 33
The Chest Radiograph in Brucellosis ... *P. J. Patel, H. Al-Suhaibani, A. K. Al-Aska, T. M. Kolawole and F. A. Al-Kassimi* 39
Diagnosis and Grading of Chronic Pancreatitis by Morphological Criteria Derived by Ultrasound and Pancreatography *S. N. Jones, W. R. Lees and R. A. Frost* 43
A Comparison of Real-time Ultrasonography with Intravenous Urography in the Follow-up of Patients with Spinal Cord Injury *S. K. Morcos and D. G. Thomas* 49
Paget's Disease of Bone in South Africa ... *P. B. Guyer and A. T. Chamberlain* 51
Atypical Simple Bone Cysts of the Jaw. I: Recurrent Lesions ... *K. Horner, G. H. Foreman and N. J. D. Smith* 53
Atypical Simple Bone Cysts of the Jaw: II. A Possible Association with Benign Fibro-osseous (Cemental) Lesions of the Jaws *K. Horner and G. H. Foreman* 59
Extradural Metastases from Paraganglionomas. Report of Two Cases ... *A. P. Parnell and D. J. Dick* 65
Intravertebral Vacuum Phenomenon ... *G. Harverson* 69
Temporomandibular Joint Arthrography: Dynamic Study in Videorecording ... *C. W. Lott, D. J. Wilson and R. P. Juniper* 73
Nuclear Magnetic Resonance Imaging of Bone Marrow in Childhood Leukaemia *T. E. G. van Zanten, R. P. Golding, A. H. M. Taets van Amerongen, R. Pieters and A. J. P. Veerman* 77
Glomus Juglare Tumours seen in Oxford 1960–1984 ... *D. J. Cole* 83
How Accurate is the Index Finger? A Comparison of Digital and Ultrasound Examination of the Prostatic Nodule *R. Clements, G. J. Griffiths, W. B. Peeling, E. E. Roberts and K. T. Evans* 87
Intraoperative Transluminal Balloon Dilatation Permits Simpler Safer Reconstructive Surgery *P. J. McMillan, Jack Collin and E. W. L. Fletcher* 91
The Value of Pre-operative Intracavitary Radiotherapy in Patients Treated by Radical Hysterectomy and Pelvic Lymphadenectomy for Invasive Carcinoma of the Cervix ... *R. G. Pearcey, K. R. Peel, J. Thorogood and K. Walker* 95
An Unsual Appearance of a Left Adrenal Mass on Computed Tomography *F. Pombo Felipe, M. Marini, Arrojo Suarez de Centi, A. Capdevila and A. Rodriguez Vila* 99

Correspondence

Low Osmolar Contrast Media ... 101
Low Osmolar Contrast Media in the Gastrointestinal Tract ... 101
Population Screening by Mammography ... 101
Ultrasound Diagnosis of Deep Vein Thrombosis ... 103

Book Reviews

Atlas of Radiologic Anatomy. By *Lothar Wicke* ... 38
Paediatric Oncology: An Illustrated Introduction. By *W. R. McWhirter and John P. Masel* ... 42
The Ear: Diagnostic Imaging. Edited by *J. Vignaud, C. Jardin and L. Rosen* ... 42
Interpretation of the Roentgenogram. By *Michael J. Landay* ... 58
Magnetic Resonance Imaging and Spectroscopy. By *F. S. Mettler Jr, L. R. Muroff and M. V. Mulkavni* ... 64
Ultrasound Diagnosis of Cerebrovascular Disease. Edited by *M. P. Spencer* ... 82
Basic Imaging in Cogenital Heart Disease. By *L. E. Swischuk* ... 90
Contrast Media in Paediatric Radiology. Edited by *H. J. Kauffmann* ... 90
Magnetic Resonance Annual 1987. Edited by *Herbert Y. Kressel* ... 94

Notices ... 2
Notices ... 20
Notices ... 28
Obituaries ... 7

Volume 39 Number 2 March 1988

Editorials

Time for a New Radiological Unit of Harm? ... *J. G. B. Russell* 105
Fetal Abnormalities Diagnosed from Early Pregnancy ... *Maureen Gowland* 106

Diagnosis

Diagnostic Imaging of Post-irradiation Changes in the Chest ... *J. Bell, D. McGivern, J. Bullimore, J. Hill, E. R. Davies and P. Goddard* 109
Radiologically-guided Percutaneous Catheter Drainage of Empyemas ... *G. R. Hunnam and C. D. R. Flower* 121
Digital Radiography in an Intensive Care Unit ... *H. Saito, T. Kurashina, T. Ishibashi, Y. Shimanuki and K. Sakamoto* 127
Magnetic Resonance Imaging in Acute Head Injury *D. M. Hadley, G. M. Teasdale, A. Jenkins, B. Condon, P. MacPherson, J. Paterson and J. O. Rowan* 131
Detection of Basilar Artery Thrombosis by Computed Tomography ... *G. J. Hankey, M. S. Khangure and E. G. Stewart-Wynne* 140
Lumbar Lateral Canal Entrapment: Clinical, Radioculographic and Computed Tomographic Findings *I. Stockley, C. J. M Getty, A. K. Dixon, I. Glaves, H. A. Euinton and N. A. Barrington* 144
The Accuracy of Mammography Alone and in Combination With Clinical Examination and Cytology in the Detection of Breast Cancer *D. M. Hansell, J. C. Cooke and C. A. Parsons* 150
Pre-operative and Post-operative Ultrasound Evaluation of Budd Chiari Syndrome Due to Coarctation of the Inferior Vena Cava *V. Jayanthi, Solomon Victor, Bharathi Dhala, A. Gajaraj and N. Madanagopalan* 154
Duodenal Tuberculosis ... *S. K. Gupta, A. K. Jain, J. P. Gupta, A. K. Agrawal and K. Berry* 159
Computed Tomography and Ultrasound Imaging of Jumper's Knee – Patellar Tendinitis ... *K. Mourad, J. King and P. Guggiana* 162

CONTENTS

Radiotherapy and Oncology

Cancer: The Consequences of Cure ... *J. S. Malpas* 166
Primary Lymphoma of the Central Nervous System: Experience at Addenbrooke's Hospital, Cambridge
M. A. Ashby, D. Bowen, N. M. Bleehen, P. C. Barber and C. E. L. Freer 173
Interstitial Misonidazole: Clinical Experience in Advanced Mouth Cancer *R. Sealy, S. Cridland, G. Blekkenhorst, L. Barry and T. Rombouts* 182
Radioactive Needle Implants in the Treatment of Anorectal Cancer ... *A. Price, G. R. Kerr and S. J. Arnott* 186
The Effect of Cisplatin on Renal Function in Patients With Testicular Tumours ... *P. M. Macleod, C. J. Tyrell and D. H. Keeling* 190

Short Reports

Case Report: Hodgkin's Disease Involving the Large Bowel ... *A. G. Hall, R. Taylor, R. G. B. Evans, M. Curtis and S. J. Proctor* 193
Computed Tomography of the Normal Pancreatic Uncinate Process ... *D. F. Martin* 195
Fungal Liver Abscesses in Acute Leukaemia – a Report of Two Cases ... *A. J. Maxwell and H. Mamtora* 197
Case Report: Balloon Catheter Dilatation of an Ileocolic Stricture ... *H. M. Dobson and D. A. R. Robertson* 202
Case Report: Direct Percutaneous Embolisation of a False Aneurysm With Steel Coils ... *J. McIvor and P. S. Treweeke* 205
Case Report: Demonstration of a Tracheal Bronchus by Computed Tomography ... *S. C. Morrison* 208
Case Report: A Subclavian Line Complication: Embolisation of an Arteriovenous Fistula ... *L. A. Venta and L. Feldman* 210
The Tooth-root Sign: a Characteristic Appearance of Distal Ureteric Calculi ... *R. A. Bloom, E. Libson, A. Verstanding and M. Rackow* 212
Case Report: Intradiploic Leptomeningeal Cyst of the Frontal Bone Occurring as a Complication of Head Injury in an Adult
P. G. Cook and P. F. Norman 214

Correspondence

Historical Working Party ... 216
The Morbidity of CT Air Meatography ... 216

Book Reviews

The Clinician's Guide to Diagnostic Imaging: Cost-effect Pathways. By *Z. D. Grossman, F. S. Chew, D. A. Ellis and S. C. Brigham* ... 120
Imaging in Hepatobiliary Disease. By *J. Dooley, R. Dick, M. Viamonte Jr and S. Sherlock* ... 139
Computed Tomography in Trauma. By *B. D. Toombs and C. M. Sandler* ... 139
Diagnostic Imaging. By *P. Armstrong and M. Wastie* ... 158
Coronary Angioplasty. By *D. A. Clark* ... 201
Radiology of the Liver, Biliary Tract, Pancreas and Spleen. Edited by *A. C. Friedman* ... 201
Exercises in Diagnostic Radiology 5. Pediatrics. By *R. M. Heller, S. G. Kirchner, G. Horev and L. F. Squire* ... 201
Ultrasonography of the Neck. By *J-N. Bruneton* ... 204
Radiology of the Hand. By *P. Bourjat.* ... 209
1987 Year Book of Nuclear Medicine. Edited by *Hoffer, Gore, Gotschalk, Sostman and Zaret.* ... 209
Practical Guide to Quality Assurance in Medical Imaging. By *B. M. Moores, S. A. Watkinson, E. T. Henshaw and B. J. Pearcy* ... 211
Essentials of Nuclear Medicine Science. Edited by *W. B. Hladik III* ... 211

Notices ... 120

Volume 39 Number 3 May 1988

Editorial

Generalists and Specialists in Radiology ... *M. J. Brindle* 219

Diagnosis

Magnetic Resonance Imaging of Renal Transplants: its Value in the Differentiation of Acute Rejection and Cyclosporin A Nephrotoxicity
L. te Strake, L. J. Schultze Kool, L. C. Paul, A. M. Tegzess, J. J. Weening, J. Hermans, J. Doornbos, R. G. Bleumm and J. L. Bloem 220
Balloon Dilatation of Upper Gastrointestinal Tract Strictures ... *A. Grundy and A. Belli* 229
Childhood Diaphragmatic Hernias Presenting After the Neonatal Period ... *L. Berman, D. A. Stringer, S. Ein and B. Shandling* 237
Ultrasound Scanning of Post-operative Wounds – the Risks of Cross-infection ... *P. Spencer and R. C. Spencer* 245
'Inflammatory' Abdominal Aortic Aneurysms ... *E. J. Fitzgerald and R. L. Blackett* 247
Factors Associated With Mammographic Parenchymal Patterns ... *S. J. Leinster, P. V. Walsh, G. H. Whitehouse and A. M. Al-Sumidaie* 252
The Spontaneous Disappearance of Breast Calcification ... *H. E. Fewins, G. H. Whitehouse and S. J. Leinster* 257
Graft Versus Host Disease: Findings on Plain Abdominal Radiography ... *Anna-Maria Belli and M. P. Williams* 262
The Predictive Value of Computed Tomography and *Haemophilus influenzae* Capsular Antigen in Subdural Fluid Collections
I. Suchet, T. Horwitz, S. Kitay and Rosa-Maria Cruz 265
Bone Scintigraphy in the Assessment of Spondylolysis in Patients Attending a Sports Injury Clinic *S. Elliott, M. A. Hutson and M. L. Wastie* 269
The Role of Abdominal Computed Tomography in the Assessment of Patients With Malignant Tumours of the Cervix and Body of the Uterus ... *J. E. Page, O. Constant and C. Parsons* 273
A Protocol for the Investigation of Infants and Children With Urinary Tract Infection
K. M. Whyte, G. D. Abbott, J. C. Kennedy and T. M. J. Maling 278
Uro-radiological Manifestations of Pancreatic Carcinoma ... *C. F. Loughran and J. Kenny* 281

Radiotherapy and Oncology

An Evaluation of the Palliative Role of Radiotherapy in Inoperable Carcinoma of the Bronchus
T. M. Collins, D. V. Ash, H. J. Close and J. Thorogood 284
Low Grade Stage I and II Non-Hodgkin' Lymphoma: Results of Treatment and Relapse Pattern Following Therapy
R. E. Taylor, S. G. Allan, M. A. McIntyre, G. R. Kerr, A. J. Taylor, G. L. Ritchie and R. C. F. Leonard 287
The Effect of Chlorhexidine and Benzydamine Mouthwashes on Mucositis Induced by Therapeutic Irradiation
L. P. Samaranayake, A. G. Robertson, T. W. MacFarlane, I. P. Hunter, G. MacFarlane, D. S., Soutar and M. M. Ferguson 291
Vocal Quality 10 Years After Radiotherapy for Early Glottic Cancer ... *D. A. L. Morgan, H. F. Robinson, L. Marsh and P. J. Bradley* 295
A Report of Late Rectosigmoid Morbidity in Patients With Advanced Cancer of the Cervix, Treated by a Six Week Pelvic Brick Technique
P. M. Quilty 297
Direct Measurement of Dose at Depth in Breast Cancer Using Lithium Fluoride ... *P. J. D. K. Dawes, E. G. Aird and J. P. Crawshaw* 301

CONTENTS

Short Reports

Massive Pneumoperitoneum Following Laser Therapy of Inoperable Oesophageal Carcinoma
P. T. Brooks, A. C. Troop, H. Barr and N. Krasner 305
Case Report: Magnetic Resonance Imaging of a Colloid Cyst of the Third Ventricle ... *M. K. Alcock and A. Robertson* 308
Histiocytosis X Mimicking Recurrent Malignant Disease: A Report of Two Cases ... *P. A. Murray and P. A. Hall* 310
Case Report: Plexiform Trigeminal Neurofibroma ... *A. Gholkar, J. P. Stack and I. Isherwood* 313
Case Report: Radiographic and Ultrasound Appearances of an Intra-mural Haematoma of the Pylorus
R. A. L. Bisset, S. C. Gupta and I. Zammit-Maempel 316
Case Report: Metastatic Adenocarcinoma Masquerading as a Psoas Abscess ... *G. R. Avery* 319
Case Report: Metastatic Teratoma Associated With an Intra-abdominal Abscess ... *K. S. Dunn and J. R. Goepel* 321
Case Report: Hypothenar Hammer Syndrome With Embolic Occlusion of Digital Arteries *S. J. Savader, B. L. Savader and G. R. Drewry* 324
Case Report: Nodular Sclerosing Hodgkin's Disease in Association With Gaucher's Disease ... *Sally Goodman* 326
Benign Chondrolipomatous Tumour of the Breast ... *A. M. Stark and J. P. Sunter* 328
Bilateral Ureteric Carcinoma ... *B. D. Daly, R. Grainger and M. R. Butler* 330
Case Report: A Large Soft-tissue Chondroma Arising From the Posterior Mediastinum ... *D. J. Widdowson and H. G. Lewis-Jones* 333
Case Report: Primary Malignant Melanoma of the Uterine Cervix
O. J. Owens, K. Pollard, G. G. Khoury, J. E. D. Dyson, G. J. Jarvis and C. A. F. Joslin 336
Abstracts of papers presented at the Royal College of Radiologist's Annual Scientific Meeting – Joint Provincial Meeting held on 24–26 September 1987 at the John Radcliffe Hospital, Oxford ... 339

Correspondence

MRI of Parenchymal Liver Disease ... 355
Barium Enemas are a Headache ... 355
Ultrasound in the Follow-up of Spinally Injured Patients ... 355
Notices ... 357

Obituary ... 236

Book Reviews

Radiological Management of Musculoskeletal Tumours. By *H. Pettersson, D. S. Springfield and W. F. Enneking* ... 228
Renal Sonography. By *F. S. Weill, E. Birh, P. Rohmer and F. Zeltner* ... 228
Fractional Arthrography of the Shoulder. By *M. Rakofsky* ... 235
Surgical Neuroangiography. By *Lasjaunias and Berenstein* ... 235
Physics for Radiologists. By *P. P. Dendy and B. Heaton* ... 244
Radiologic Management of Pelvic Fractures. Systematic Radiographic Diagnosis. By *J. W. R. Young and A. R. Burgess* ... 256
Breast Cancer Detection. By *L. W. Bassett and R. H. Gold* ... 256
The Basic Science of Oncology. By *I. F. Tannock and R. P. Hill* ... 261
Radiology Today 4. Edited by *F. W. H. Heuck and M. W. Donner* ... 268
Sonomammography. An Atlas of Comparative Breast Ultrasound. By *P. B. Guyler and K. C. Dewbury* ... 268
Neuroradiology. By *Ruth. G. Ramsay* ... 277
Congenital Dysplasia and Dislocation of the Hip in Children and Adults. By *D. Tonnis* ... 277
Abdominal Ultrasound. By *Carol A. Mittelstaedt* ... 280
The Safety of Diagnostic Ultrasound. BJR Supplement no. 20. Edited by *P. N. T. Wells* ... 280
New Concepts in Cardiac Imaging 1987. Edited by *Pohorst, Higgens, Morganroth, Ritchie and Schelbert* ... 294
Radiology of the Pediatric Chest. By *Alvin H. Felman* ... 294
Diagnostic Imaging of Child Abuse. By *P. K. Kleinman* ... 300
Cancers of the Head and Neck. By *Charlotte Jacobs* ... 300
TNM Classification of Malignant Tumours. By *P. Hermanek and L. H. Sobin* ... 307
Advanced Exercises in Diagnostic Radiology: MRI of the Body. By *J. C. Weinreb and H. C. Redman* ... 307
Percutaneous Biopsy, Aspiration and Drainage. By *J. G. Letourneau, M. K. Elyaderani and W. R. Castaneda-Zuniga* ... 318
Nuclear Medical Annual 1987. Edited by *L. M. Freeman and H. S. Weissmann* ... 323
Diagnostic Imaging in Surgery. By *R. L. Eisenberg* ... 323
Gastrointestinal Imaging. Edited by *Kristina Gedgaudas-McClees* ... 332
Atlas of Fetal Sectional Anatomy (With Ultrasound and Magnetic Resonance Imaging). By *G. Isaacson, M. C. Mintz and E. S. Crelin* ... 332
Gamuts in Radiology. By *B. Felson and M. M. Reeder* ... 338
Diagnostic Ultrasound – Test and Cases. By *D. A. Sarti* ... 338

Volume 39 Number 4 July 1988

Editorial

Finding and Dilating Renal Artery Stenoses for Hypertension ... *T. Sherwood* 359
Myths and Misconceptions in Uroradiology ... *H. Saxton* 361

Diagnosis

The Abdominal Manifestation of von Hippel-Lindau Disease and a Radiological Screening Protocol for an Affected Family
C. M. Jennings and P. A. Gaines 363
Superior Aspect of the Perirenal Space: Anatomy and Pathological Correlation ... *Jae Hoon Lim, Yup Yoon, Sun Wha Lee, Young Tae Ko, Woo Suk Choi, Dong Ho Lee, Kyung Nam Ryu, Chi Yul Ahn, Hee Kyung Ahn and Kap Soo Han* 368
Ultrasound Changes in the Transplant Kidney ... *D. LL. Cochlin, A. Wake, J. R. Salaman and P. J. A. Griffin* 373
Ultrasound-guided Fine-needle Histological Biopsies in the Abdomen ... *D. C. Tudway, J. Newman and M. J. Chard* 377
Assessment of Portal Vein Patency: Comparison of Arterial Portography and Ultrasound Scanning
N. Raby, J. Karani, P. Powell-Jackson, H. Meire and R. Williams 381
Relapsing Polychondritis ... *M. P. Crockford and I. H. Kerr* 386
The Odontoid Process in Children – is it Hypoplastic? ... *S. Elliott* 391
Sacral Arachnoid Diverticula ... *M. A. Sampson, M. J. Bull and R. A. Nakielny* 394
Idiosyncratic Reaction to Intracoronary Injection of Non-ionic Contrast Media ... *N. Bishop and M. R. Rees* 396
The Sonographic Features and Implications of Fetal Pleural Effusions ... *H. Adams, A. Jones and C. Hayward* 398

CONTENTS

Ultrasound Diagnosis of Adenomyomatosis of the Gall-bladder: Ultrasonic and Pathological Correlation .. *R. C. Fowler and W. A. Reid* 402
Colorectal Polyps: a Correlation of Radiological and Pathological Findings
N. J. B. Spencer, D. G. Richards, P. Bartlett, R. H. Riddell and W. G. Stevenson 407
Musculo-skeletal Magnetic Resonance Imaging Using Inversion Recovery Pulse Sequences at 0.08 T ..... *F. W. Smith* 412
The Small Bowel Enema in the Patient with an Ileostomy ..... *V. J. Kay and D. J. Nolan* 418
More Medullary Sponge Variants ..... *W. M. W. Gedroyc and H. M. Saxton* 423

Radiotherapy and Oncology

Radiotherapy Results in Laparotomy-staged Hodgkin's Disease ..... *E. Verger, D. Easton, M. Brada, G. Duchesne and A. Horwich* 428
The Analysis of Malignant Tumours of Uncertain Origin With Immunohistological Techniques: Clinical Follow-up
M. Robinson, C. Alcock, K. C. Gatter and D. Y. Mason 432
Preservation of Intestinal Integrity During Radiotherapy Using Live *Lactobacillus acidophilus* Cultures
E. Salminen, I. Elomaa, J. Minkkinen, H. Vapaatalo and S. Salminen 435
Gastro-duodenal Morbidity of Para-aortic and Iliac Lymph Node Irradiation Using a Single Anterior 16 MV X-ray Field
D. G. Pradhan and C. H. Brown 438
Sequential Chemotherapy, Surgery and Radiotherapy in Locally Advanced Breast Cancer
I. R. Campbell, J. A. Green, R. D. Errington, S. J. Leinster, S. Myint and H. M. Warenius 442

Short Reports

Case Report: Anomalous Systemic Venous Drainage Occurring in Association with the Hypogenetic Lung Syndrome
C. W. Heron, A. L. Pozniak, G. J. S. Hunter and N. McI. Johnson 446
Radiation-induced Chondrocalcinosis of the Knee Articular Cartilage..... *C. H. Collis, P. A. Dieppe and J. A. Bullimore* 450
An Unusual Appearance of Renal Lymphoma ..... *P. J. Cadman, D. R. M. Lindsell and S. J. Golding* 452
Case Report: Floating Faeces in Steatorrhoea – a New Sign ..... *V. P. L. Hornsby* 454
Two Cases of Primary Malignant Melanoma of the Oesophagus ..... *J. L. Isaacs and P. Quirke* 455
Case Report: Aortic Dissection: Morphology and Differential Flow Velocity Patterns Demonstrated by Magnetic Resonance Imaging
L. Mitchell, J. P. R. Jenkins, W. C. Brownlee and I. Isherwood 458
Oesophageal Haematoma: Report of Three Cases ..... *J. Herbetko and F. J. Brunton* 462

Correspondence

Rare Earth Screens: Prevention of Radiogenic Cancers Versus Local Budgets..... 464
Transluminal Balloon Dilatation 464
Population Screening Mammography 465
Bolus and Megavoltage Irradiation of the Intact Breast 465

Erratum

Ultrasound in the Follow-up of Spinally Injured Patients 465

Notices 466

Obituaries 426

Book Reviews

Ionising Radiation Exposure of the Population of the United States. By *National Council on Radiation Protection and Measurements*.... 360
Principles of Radiological Physics. By *R. Wilks* 360
Computed Tomography of the Spine. By *R. Kricum and M. Kricum* 367
Vaginal Sonography. By *I. E. Timor-Tritsch and S. Rottem* 367
Fractionation in Radiotherapy. By *H. D. Thames and J. H. Hendry* 376
Techniques and Indications in Radiology: Kidney and Urinary Tract. By *S. Lange*..... 376
Mammography. Self Assessment in Radiology and Imaging 3. By *J. Cook, D. M. Hansell and C. Parsons* 385
Diagnostic Radiography, A Concise Practial Manual, 4th Edn. By *G. J. Bryan*..... 385
Basic Anatomy and Physiology for Radiographers. *M. R. E. Dean and T. E. T. West* 406
The Running Athlete: Roentgenograms and Remedies. *H. Pavlov and J. S. Torg*..... 406
Clinical Imaging of the Cerebellopontine Angle. By *A. Valavanis, O. Schubiger and T. P. Naidich*..... 411
Prenatal Ultrasound. By *B. A. Spirit, L. Gordon and M. Oliphant*..... 411
Orthopaedic Radiology. Edited by *W. M. Park and S. P. F. Hughes* 433
1987 Yearbook of Diagnostic Radiology, Edited by *Bragg, Keats, Kieffler, Kirkpatrick, Koehler, Miller and Sorenson* 433
A Textbook of Radiology and Imaging. Edited by *D. Sutton*..... 437
Complications in Diagnostic Imaging. Edited by *G. Ansell and R. A. Wilkins* 441
Basic and Clinical Aspects of Malignant Melanoma. Edited by *L. Nathanson* 451
Hematologic Malignancies. Edited by *B. Hoogstraten*..... 451
Case Studies in Diagnostic Imaging. By *P. Nisbet, W. Gedroyc and S. Rankin*..... 453
Multiple Choice Questions in Radiodiagnosis. By *A. Crosier, D. Finlay and P. Paciorek*..... 453
Head and Neck Imaging. By *J. M. Unger* 457
Surgery of the Liver and Biliary Tract. Edited By *L. H. Blumgart* 461
A Practical Approach to Angiography. By *Johnsrude, Jackson and Dunnick* 461

Volume 39 Number 5 September 1988

Editorials

What Use is Barium? ..... *K. C. Simpkins* 469

Diagnosis

Digital Subtraction Angiography – A Critical Analysis ..... *P. Dawson* 474
Radiology at your Fingertips; Lesions of the Terminal Phalanx ..... *S. N. Jones and D. J. Stoker* 478
The Relationship Between Pulmonary Artery Pressure and Pulmonary Artery Diameter in Pulmonary Hypertension
N. R. Moore, J. P. Scott, C. D. R. Flower and T. W. Higenbottam 486

CONTENTS

Ventilatory Function During Urography: a Comparison of Iopamidol and Sodium Iothalamate. ..... *A. R. M. Wilson and P. Davies* 490
The Investigation of Painless Haematuria – a Comparison of Intravenous Urography and DMSA Scintigraphy
R. A. Chisholm, B. Millet, T. Sherwood, F. P. Wraight and P. T. Doyle 494
The Value of CT in the Diagnosis of Recurrent Carcinoma of the Cervix
C. W. Heron, J. E. Husband, M. P. Williams, H. J. Dobbs and D. O. Cosgrove 496
Imaging Neural Crest Tumours With ^{123}I-Metaiodobenzylguanidine and X-ray Computed Tomography: a Comparative Study
J. Bomanji, B. G. Conry, K. E. Britton and R. H. Reznek 502
The Role of Ultrasound Scanning in Management After Liver Transplantation ..... *N. Raby, H. B. Meire, A. Forbes and R. Williams* 507
Assessment of Gallbladder Function by Ultrasound: Implications for Dissolution Therapy. ..... *P. R. Bellamy and A. Hicks* 511
Ultrasound Detection of Oesophageal Varices – Comparison With Endoscopy
S. H. Saverymuttu, J. Wright, J. D. Maxwell and A. E. A. Joseph 513
Grading for Angioplasty. ..... *W. B. Campbell, J. R. A. Higgins, C. S. Barker, P. von Eichstorff and E. W. L. Fletcher* 516
Multiple Cholesterol Emboli Syndrome Complicating Angiographic Techniques ..... *F. J. Palmer and B. A. Warren* 519
Fibrous Dysplasia of the Spine ..... *J. F. C. Wright and D. J. Stoker* 523
The Petrous Temporal Bone and Deafness in X-linked Hypophosphataemic Osteomalacia
S. P. O'Malley, J. E. Adams, M. Davies and R. T. Ramsden 528
The Value of a Barium Enema in the Investigation of Patients With Rectal Carcinoma *L. Isabel-Martinez, A. H. Chapman and R. I. Hall* 531
Filiform Polyposis in Tuberculosis of the Colon ..... *W. C. G. Peh* 534
Modifications to the Gas-enhanced Small Bowel Barium Follow-through Using Gastrografin and Compression *G. M. Fraser and R. D. Adam* 537
Cysticercosis of the Brain Shown by Magnetic Resonance Imaging
A. Jena, P. C. Sanchetee, R. K. Gupta, S. Khushu, R. Chandra and N. Lakshmipathi 542

Radiotherapy and Oncology

Radiotherapy and the Management of Metastatic Bone Pain ..... *S. Shepherd* 547
Response Rates and Survival in Patients With Head and Neck Cancer Treated With a Combination of Cisplatin and 5-Fluorouracil Prior to Radiotherapy ..... *G. D. Thomas and I. C. M. Paterson* 551

Short Reports

Chronic Atlanto-axial Dislocation With Spontaneous Bony Fusion ..... *N. G. Heselson and G. Marus* 555
Case Report: Spinal Cord Compression Caused by Dual Pathology: A Close Shave With Ockham's Razor
J. F. C. Wright, S. Powell and M. P. Williams 558
Case Report: The Computed Tomographic Appearances of Lymphangiectasia in the Pelvis *N. C. Fairlie, R. Nakielny and S. V. Polacarz* 560
Anterior Extrathecal Ependymoma With Systemic Metastases – a Case Report and Review of the Literature
A. S. C. Thornton and P. Yudelman 562
The Left Ascending Lumbar Vein: A Potential Pitfall in CT Diagnosis ..... *C. I. Meanock, C. S. Ward and M. P. Williams* 565
Abstracts of papers presented at the Radiology and Management of Endocrine Disease Meeting 567

Correspondence

Diagnostic Imaging of Post-irradiation Changes in the Chest 570

Notices 571

Book Reviews

Focus on Chemonucleolysis. Edited by *J.-F. Bonneville* 473
Physics and Engineering of Medical Imaging. Edited by *R. Guzzardi* 473
Essentials of Clinical MRI. Edited by *T. H. M. Falke* 485
Radiology for Anaesthesia and Critical Care. Edited by *C. H. Murphy and M. R. Murphy* 489
An Atlas of Normal Developmental Roentgen Anatomy. By *T. E. Keats and T. H. Smith* 489
Magnetic Resonance Imaging – Basic Principles. By *S. W. Young* 493
Quality Assurance and Image Artefacts in Imaging. By *R. J. R. Knowles and J. A. Markisz* 501
Clinical Efficacy of Positron Emission Tomography, By *W. D. Heiss, G. Pawlik K. Herholz and K. Wienhard* 501
Radiotherapy in Clinical Practice. Edited by *Hope-Stone* 512
Paediatric Neurology and Neuroradiology. By *C. Diebler and O. Dulac* 515
Age-related Factors in Radionuclide Metabolism and Dosimetry. Edited by *G. B. Gerber, H. Métivier and H. Smith* 527
Manual of Adult and Paediatric Medical Oncology. By *S. Monfardini, K. Brunner, S. Eckhardt, D. Olive, S. Tannenberger, A. Vernoes, J. Whitehouse, R. Wittes and D. Crowther* 533
Cranial and Spinal Magnetic Resonance Imaging: an Atlas and Guide. Edited by *D. L. Daniels, V. M. Haughton and T. P. Naidich* 536
Diagnostic Radiology 1987. By *Margulis and Gooding* 536
Diagnostic Imaging of the Liver, Biliary Tract and Pancreas. By *S. Sakuma, T. Ishigaki and T. Takeuchi* 541
Paediatric Imaging for the Technologist. By *D. M. Wilmot and G. A. Sharko* 546
Guide to Sonography of the Infant Hip. By *R. Graf* 554
Rational Use of Diagnostic Imaging in Paediatrics. By *WHO* 554
Gastrointestinal Oncology. Edited By *J. W. L. Fielding and T. J. Priestman* 554
Non-ionising Radiation: Ultraviolet Radiation and Laser Radiation. By *A. Moseley* 557

Volume 39 Number 6 November 1988

Page

Editorial

Peripheral Angioplasty – 10 Years On ..... *D. C. Cumberland* 573
Continuing Medical Education and Assessment of Radiologists ..... *G. W. Stevenson and W. P. Cockshott* 575

Diagnosis

Critical Analysis of the Use of Skeletal Surveys in Patients with Chronic Renal Failure
J. P. Owen, A. P. Parnell, M. J. Keir, H. A. Ellis, R. Wilkinson, M. K. Ward and R. W. Elliott 578
The Use of the Pelvic Radiograph Alone to Assess Therapeutic Response in Bone Metastases from Breast Cancer
P. Twining, M. R. Williams, A. H. Morris and R. W. Blamey 583

CONTENTS

Early Myositis Ossificans: a New Echographic Sign ... *R. J. Peck and C. Metreweli* 586
The Value of High Definition, Narrow Section Computed Tomography in Fibrosing Alveolitis ... *B. Strickland and N. H. Strickland* 589
The Anatomy and Pathology of the Brachial Plexus as Demonstrated by Computed Tomography ... *J. Cooke, D. Cooke and C. Parsons* 595
The Diagnosis by Computed Tomography of Brachial Plexus Lesions Following Radiotherapy for Carcinoma of the Breast *J. Cooke, S. Powell and C. Parsons* 602
Paediatric Pulmonary Nodules; a Comparison of Computed Tomography, Thoracotomy Findings and Histology *P. L. Robertson, D. W. Boldt and J. F. de Campo* 607
Quantification of Right to Left Shunt Through Pulmonary Arteriovenous Malformations Using $^{99}Tc^{m}$ Albumin Microspheres *E. R. Chilvers, A. M. Peters, P. George, J. M. B. Hughes and D. J. Allison* 611
Normal and Near Normal Caliceal Patterns in Reflux Nephropathy ... *W. M. W. Gedroyoc, R. Chaudhuri and H. M. Saxton* 615
Percutaneous Drainage in Emphysematous Pyelonephritis – An Alternative to Major Surgery ... *J. R. W Hall, R. G. Choa and I. P. Wells* 622
Renal Angiography in Potential Living Related Renal Donors in Iraq ... *M. J. Gleeson, R. P. Brennan and J. P. McMullin* 625
Spontaneous Intramural Oesophageal Haematoma ... *A. H. Freeman and R. J. Dickinson* 628
Ultrasonographic Features of Hepatocellular Pseudotumour in the Cirrhotic Liver *Yu-Chung Chang, Naofumi Nagasue, Naomi Kimura, Nobuhiro Ota and Hirofumi Yukaya* 635
Lymphoma of the Small Intestine: Radiological Appearances ... *N. C. Gourtsoyiannis and D. J. Nolan* 639
Ultrasound in the Diagnosis and Management of Spinal and Sacral Tumours ... *N. S. Ashford and C. E. L. Freer* 646
Further Technical Development in Magnetic Resonance Imaging of the Brain in Children *I. R. Young, L. M. S. Dubowitz, J. M. Pennock and G. M. Bydder* 651
Magnetic Resonance Imaging of Meniscal Lesions of the Knee ... *E. P. Van Heutzen, R. P. Golding, T. E. G. Van Zanten and P. Patka* 658
Radiological Screening for Atlanto-axial Instability in Down's Syndrome ... *B. Jagjivan, P. S. A. Spencer and G. Hosking* 661
The Value of Soft Tissue Signs in Wrist Trauma ... *I. Zammit-Maempel, R. A. L. Bisset, J. Morris and W. St C. Forbes* 664
The Role of Transvaginal Ultrasound in the Assessment of the Female Pelvis ... *R. L. Guy, E. King and A. B. Ayers* 669
Abstracts of papers presented at The Royal College of Radiologists Annual Scientific Meeting held on 7–10 September 1988 at the University of Exeter, Devon ... 673

Correspondence

Laryngeal Papillomatosis ... 690
A Protocol for the Investigation of Infants and Children With Urinary Tract Infections ... 690
Ultrasound Scanning of Post-operative Wounds ... 690
Finding and Dilating Renal Artery Stenoses ... 691
Assessment of Portal Vein Patency: Comparison of Arterial Portography and Ultrasound Scanning ... 691
Floating Faeces in Steatorrhoea – a New Sign ... 692
Rare Earth Screens: Prevention of Radiogenic Cancers Versus Local Budgets ... 692

Notices ... 693

Obituaries

Gerard Alphonsus Lynch ... 620
W. V. Mayneord ... 620

Book Reviews

MCQs on Diagnostic Imaging. By *J. E. Dacie* ... 574
Diagnostic Argiography. By *S. Kadir* ... 574
Nuclear Medicine Therapy. By *J. C. Harbert* ... 577
Gamuts in Nuclear Medicine. By *F. E. Datz* ... 577
Atlas of Normal Roentgen Variants – That May Stimulate Disease. By *T. E. Keats* ... 588
Radionuclides in Brachytherapy: Radium and After. Edited by *N. G. Trott* ... 588
Atlas of Fetal Skeletal Radiology. By *A. Ornoy, Z. Borochowitz, R. Lachman and D. Rimoin* ... 588
Diagnosis and Management of Metastatic Bone Disease: A Multi-Disciplinary Approach. Edited by *F. H. Sim* ... 585
Contemporary Issues in Computed Tomography. Pediatric Body CT. Edited by *M. J. Siegel* ... 594
Clinical Applications of Doppler Ultasound. Edited by *K. J. W. Taylor* ... 601
Two-dimensional Echocardiographic Atlas. Volume I. Congenital Heart Disease. By *J. B. Seward* et al. ... 601
Environmental Health Criteria 69 – Magnetic Fields. By *World Health Organisation* ... 610
Surgical Neuroangiography. Volume 2. Endovascular Treatment of Craniofacial Lesions. By *P. Lasjaunias and A. Berenstein* ... 610
Acta Radiologica 369 – XIII Symposium Neuroradiologicum. Edited by *T. Greitz* ... 614
Magnetic Resonance Imaging of the Knee. By *Mink, Reicher and Crues* ... 614
Computed Tomography of the Head and Neck. By *T. H. Newton* ... 619
Magnetic Resonance Imaging of the Body. By *Higgens and Hricak* ... 624
Cerebral Angio-CT. By *K. Sadamoto and K. Fukui* ... 627
Imaging Modalities in Spinal Disorders, By *M. E. Kricun* ... 627
Diagnostic Imaging in Paediatrics. Edited by *I. Gordon* ... 638
Clinical Imaging. An Atlas of Differential Diagnosis. By *R. L. Eisenberg* ... 650
Pulmonary Nuclear Medicine. Edited by *M. K. Loken* ... 650
Manual of Clinical Oncology. By *C. D. Sherman* et al. ... 657
Clinical Imaging – An Introduction to the Role of Imaging in Clinical Practice. Edited by *M. Freedman* ... 657
Cranial Magnetic Resonance Imaging. By *A. D. Elster* ... 660
Innovations in Radiation Oncology. By *H. R. Withers and L. J. Peters* ... 689